

Title (en)

ANIMAL HUSBANDRY SYSTEM AND ILLUMINATION UNIT SUITABLE FOR THE SYSTEM

Title (de)

TIERHALTUNGSSYSTEM UND BELEUCHTUNGSEINHEIT FÜR DAS SYSTEM

Title (fr)

SYSTÈME D'ÉLEVAGE D'ANIMAUX ET UNITÉ D'ÉCLAIRAGE APPROPRIÉE POUR LE SYSTÈME

Publication

EP 4304340 A1 20240117 (EN)

Application

EP 22710446 A 20220311

Priority

- NL 2027742 A 20210311
- IB 2022052195 W 20220311

Abstract (en)

[origin: WO2022190050A1] The present invention relates to an animal husbandry system, wherein a group of animals can move about freely in an area, the system comprising at least one illumination unit, each illumination unit comprising a mounting structure provided with a number of illumination elements, each arranged for illuminating a respective subarea, the system also being provided with at least one camera arranged for monitoring a number of subareas, wherein the camera(s) is (are) arranged for repeatedly determining the illumination intensity at one or more reference surfaces in the area, the system further comprising control means, operatively connected to the illumination elements and to the camera(s), the control means being programmed for adjusting the illumination elements, based upon the determined illumination intensity at the reference surface(s), in such a way that a predetermined desired illumination intensity pattern is achieved in the area.

IPC 8 full level

A01K 1/00 (2006.01); **A01K 29/00** (2006.01)

CPC (source: EP US)

A01K 1/00 (2013.01 - EP US); **A01K 29/00** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022190050 A1 20220915; CA 3212125 A1 20220915; EP 4304340 A1 20240117; NL 2027742 B1 20220927; US 2024164342 A1 20240523

DOCDB simple family (application)

IB 2022052195 W 20220311; CA 3212125 A 20220311; EP 22710446 A 20220311; NL 2027742 A 20210311; US 202218549208 A 20220311